

**3.0 510(k) Summary**Page 1 of 1

**Sponsor:** Synthes (USA)  
1301 Goshen Parkway  
West Chester, PA 19380  
P (610) 719-6538  
F (484) 356-9682

**Device Name:** Synthes (USA) Hybrid External Fixator Modifications

**Classification:** 21 CFR Part 888.3030 – Single/multiple component bone fixation appliances and accessories, Class II.

**Predicate Device:** Synthes (USA) Hybrid External Fixator (K950384)

**Device Description:** Synthes Hybrid External Fixator Modifications are components of the Synthes Hybrid External Fixator, a ring and wire based external fixator that forms a construct intended for the stabilization of complex proximal and/or distal tibial fractures. It is designed for use with the Synthes Large External Fixator and may be used in conjunction with other fixation methods. The proposed components consist of an Adjustable Wire/Pin Clamp, a Low-Profile Adjustable Wire/Pin Clamp and Ring-To-Rod Clamp.

**Intended Use:** Synthes Hybrid External Fixator Modifications are part of the Synthes Hybrid External Fixator system which is indicated for:

- fixation of proximal and/or distal tibial fractures, with or without extension into the tibial shaft.

**Substantial Equivalence:** Documentation is provided which demonstrates that the Synthes (USA) Hybrid External Fixator Modifications is substantially equivalent to other legally marketed devices.

JAN 29 2003



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

JAN 29 2008

Synthes (USA)  
% Ms. Jill Sherman  
1302 Wrights Lane East  
West Chester, PA 19380

Re: K073135  
Trade/Device Name: Synthes (USA) Hybrid External Fixator Modifications  
Regulation Number: 21 CFR 888.3030  
Regulation Name: Single/multiple component metallic bone fixation  
appliances and accessories  
Regulatory Class: II  
Product Code: LXT  
Dated: January 9, 2008  
Received: January 10, 2008

Dear Ms. Jill Sherman:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the Federal Register.

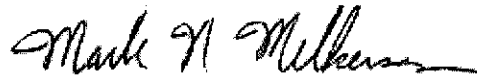
Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

Page 2 – Ms. Jill Sherman

This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Center for Devices and Radiological Health's (CDRH's) Office of Compliance at (240) 276-0120. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). For questions regarding postmarket surveillance, please contact CDRH's Office of Surveillance and Biometric's (OSB's) Division of Postmarket Surveillance at (240) 276-3474. For questions regarding the reporting of device adverse events (Medical Device Reporting (MDR)), please contact the Division of Surveillance Systems at (240) 276-3464. You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at toll-free number (800) 638-2041 or (240) 276-3150 or the Internet address <http://www.fda.gov/cdrh/industry/support/index.html>.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Mark N. Melkerson", with a stylized flourish at the end.

Mark N. Melkerson  
Director  
Division of General, Restorative  
and Neurological Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

**Indications for Use**

510(k) Number (if known): \_\_\_\_\_

Device Name: Synthes (USA) Hybrid External Fixator Modifications**Indications for Use:**

Fixation of proximal and/or distal tibial fractures, with or without extension into the tibial shaft.

Prescription Use X  
(Per 21 CFR 801.109)

AND/OR

Over-The-Counter Use \_\_\_\_\_  
(21 CFR 807 Subpart C)(PLEASE DO NOT WRITE BELOW THIS LINE - CONTINUE ON ANOTHER PAGE IF  
NEEDED)

Concurrence of CDRH, Office of Device Evaluation (ODE)



(Division Sign-Off)

**Division of General, Restorative,  
and Neurological Devices**

510(k) Number

K073135